

King County DNRP Water Quality Index

STATION **X438** WATER YEAR **2008**

GAUGE # 31aa **Cedar River at Mouth**

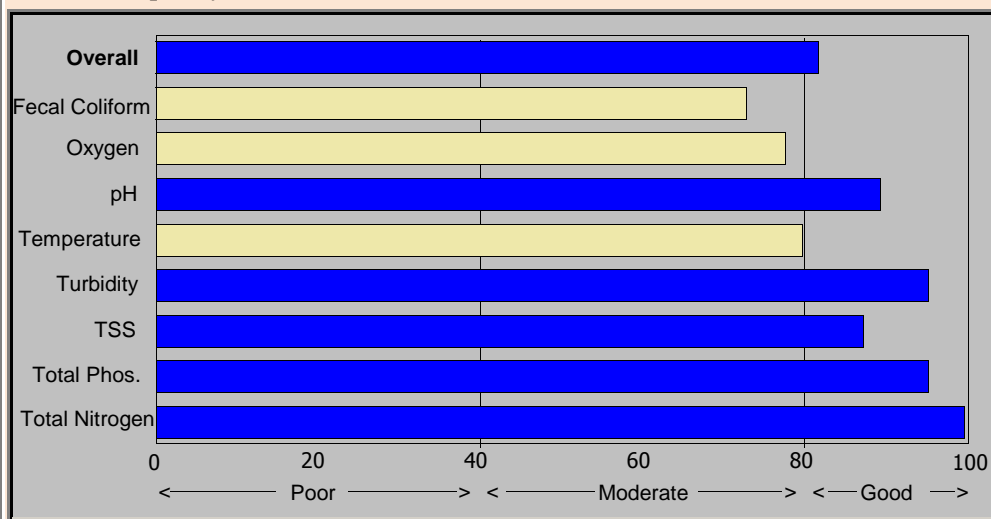
Overall Index **82**

Station X438, located just above where the river enters Lake Washington, was added to the program in 1996. This station was replaced in 2009 with station 0438 which is 1.46 River Miles further upstream at the bridge on Bronson Way. From 1972 through 2008 water quality samples were also collected monthly from an upstream station (A438), located at the bridge on East Jones Road at 196th Ave SE.

The Upper Cedar River encompasses roughly 79,951 acres and runs 25 miles from Meadow Mountain near Cascade Crest to the Landsburg Diversion Dam. The City of Seattle owns most of this upper basin - upstream of where the City diverts the drinking water supply from the Landsburg Dam. The Lower Cedar River drains 42,240 acres and runs approximately 21.7 miles from below the Landsburg Dam to Lake Washington.

Annual Water Quality Index Scores

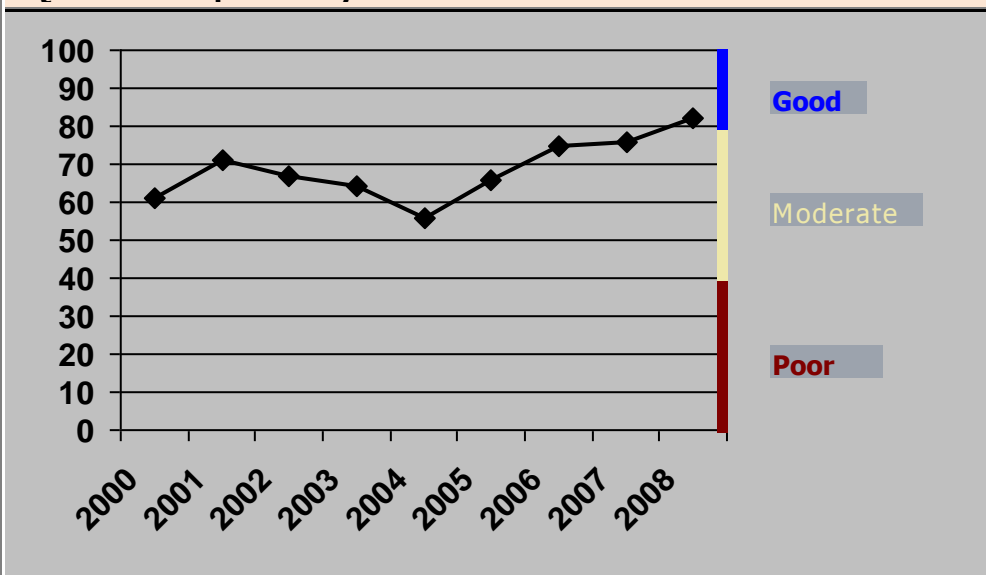
Water quality was GOOD based on data collected 10/1/2007 to 9/30/2008.



Monthly Scores For Water Year 2008

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
71	94	98	98	99	100	99	95	92	88	86	91

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>